

STATEMENT OF BASIS (AI No. 18147)

for draft Louisiana Pollutant Discharge Elimination System permit No. LA0124699 to discharge to waters of the State of Louisiana.

THE APPLICANT IS: Supreme Services & Specialty Co., Inc.
204 Industrial Avenue C
Houma, LA 70363

ISSUING OFFICE: Louisiana Department of Environmental Quality (LDEQ)
Office of Environmental Services
Post Office Box 4313
Baton Rouge, Louisiana 70821-4313

PREPARED BY: Ronda Burtch

DATE PREPARED: September 18, 2009

1. PERMIT STATUS**A. Reason for Permit Action:**

Issuance of a Louisiana Pollutant Discharge Elimination System (LPDES) permit for a 5-year term.

According to an email correspondence between Cris Leche (LDEQ) and Mike Niette (Supreme Services & Specialty Co., Inc.), Applied Hydraulics owned this facility until June 2005, at which time Supreme Services & Specialty Co., Inc. acquired the property.

B. NPDES permit – NPDES permit effective date: N/A
NPDES permit expiration date: N/A

C. LPDES permits – LPDES permit effective date: N/A
LPDES permit expiration date: N/A

D. Date Application Received: December 5, 2008

2. FACILITY INFORMATION**A. FACILITY TYPE/ACTIVITY - rental tool company**

Supreme Services & Specialty Co., Inc. is a rental tool company, which also does maintenance and repair of oilfield tools. Tools are cleaned using a pressure washer and detergent. Stormwater runoff is from the general concrete surface area of the facility and runs off the property on the northeast side and the southwest side of the facility. The sanitary wastewater from this facility goes to a publicly owned treatment works.

B. FEE RATE

1. Fee Rating Facility Type: minor
2. Complexity Type: II (The points for this facility have been BPJ'd to 0 based on the low volume of wastewater discharged and other similar light commercial facilities.)

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- 3. Wastewater Type: II
- 4. SIC code: 7359 and 1389

C. LOCATION - 204 Industrial Avenue C in Houma, Terrebonne Parish
Latitude 29° 35' 39", Longitude 90° 39' 55"

3. OUTFALL INFORMATION

Outfall 001

Discharge Type: Equipment washwater

Treatment: Oil water separator

Location: at the point of discharge from the oil water separator, located on the southeast side of the property, prior to mixing with other waters

Flow: 500 GPD

Discharge Route: local drainage, thence into the Intracoastal Waterway

4. RECEIVING WATERS

STREAM - local drainage, thence into the Intracoastal Waterway

BASIN AND SEGMENT - Terrebonne Basin, Segment 120304 (Please note that this facility is located in subsegment 120601 - Bayou Terrebonne - From Houma to Company Canal (Estuarine). However, this facility discharges to the Intracoastal Waterway, which is located in subsegment 120304.)

DESIGNATED USES -

- a. primary contact recreation
- b. secondary contact recreation
- c. propagation of fish and wildlife
- d. drinking water supply
- f. agriculture

- Please note that drinking water supply is the use of water for human consumption and general household use. Surface waters designated as drinking water supplies are specifically so designated in LAC 33:IX.1123, Table 3; this designation does not apply to their tributaries or distributaries unless so specified.

5. TMDL STATUS

Subsegment 120304, Intracoastal Waterway - From Houma to Larose, is not listed on LDEQ's Final 2006 303(d) list as impaired. However, subsegment 120304 was previously listed as impaired for organic enrichment/low DO and nutrients, for which the below TMDL's have been developed. The Department of Environmental Quality reserves the right to impose more stringent discharge limitations and/or additional restrictions in the future to maintain the water quality integrity and the designated uses of the receiving water bodies based upon additional TMDL's and/or water quality studies. The DEQ also reserves the right to modify or revoke and reissue this permit based upon any changes to established TMDL's for this discharge, or to accommodate for pollutant trading provisions in approved TMDL watersheds as necessary to achieve compliance with water quality standards.

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The following TMDL's have been established for subsegment 120304:

TMDLs for Dissolved Oxygen and Nutrients in Selected Subsegments in the Middle Terrebonne Basin, Louisiana

Per the TMDL, no reductions for point source discharges are required. However, based on the evaluation of the effluent discharges, it was determined that the facility has the potential to discharge pollutants which may contribute to the organic enrichment/low DO and nutrients impairments of the receiving waterbody. With this in mind, a limitation for COD has been placed on the equipment washwater discharges.

LDEQ's position, as supported by the ruling in the lawsuit regarding water quality criteria for nutrients (*Sierra Club v. Givens*, 710 So.2d 249 (La. App. 1st Cir. 1997), writ denied, 705 So.2d 1106 (La. 1998), is that when oxygen-demanding substances are controlled and limited in order to ensure that the dissolved oxygen criterion is supported, nutrients are also controlled and limited. LAC 33:IX.2707.C.1.f.iii allows the establishment of effluent limitations based on an indicator parameter for the pollutant of concern. LDEQ's consistent approach to controlling nutrients where the WQMP does not otherwise require specific nutrient limitations is achieved by limiting the discharge of oxygen-demanding substances through a COD limitation. Compliance with the limitation as the indicator parameters will result in the control of nutrients from the discharge sufficient to attain and maintain the applicable water quality standard. Effluent monitoring of the indicator parameter as conducted by the permittee in accordance with facility specific requirements of the permit in addition to LDEQs ambient water quality monitoring program will allow for further evaluation by the Department to determine the effectiveness of the limitation. The reopener clause located in other conditions of the final permit allows the Department to modify or revoke and reissue the permit if the limitations as set on the indicator parameter are shown to no longer attain and maintain applicable water quality standards.

6. CHANGES FROM PREVIOUS PERMIT

This is an initial permit for this facility.

7. COMPLIANCE HISTORY/COMMENTS

- A. OEC – There are no open, pending, or appealed OEC enforcement actions administered against this facility as of August 24, 2009.
- B. DMR Review/Excursions – Since this is an initial permit for Supreme Services & Specialty Co., Inc, there are no DMRs on file for this facility.

8. EXISTING EFFLUENT LIMITS

This is an initial permit; therefore, there are no existing effluent limits.

9. ENDANGERED SPECIES

The receiving waterbody, Subsegment 120304 of the Terrebonne Basin is not listed in Section II.2 of the Implementation Strategy as requiring consultation with the U.S. Fish and Wildlife Service (FWS). This

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strategy was submitted with a letter dated November 17, 2008 from Rieck (FWS) to Nolan (LDEQ). Therefore, in accordance with the Memorandum of Understanding between the LDEQ and the FWS, no further informal (Section 7, Endangered Species Act) consultation is required. The effluent limitations established in the permit ensure protection of aquatic life and maintenance of the receiving water as aquatic habitat. Therefore, the issuance of the LPDES permit is not likely to have an adverse effect on any endangered or candidate species or the critical habitat.

10. HISTORIC SITES

The discharge is from an existing facility location, which does not include an expansion on undisturbed soils. Therefore, there should be no potential effect to sites or properties on or eligible for listing on the National Register of Historic Places, and in accordance with the "Memorandum of Understanding for the Protection of Historic Properties in Louisiana Regarding LPDES Permits" no consultation with the Louisiana State Historic Preservation Officer is required.

11. TENTATIVE DETERMINATION

On the basis of preliminary staff review, the Department of Environmental Quality has made a tentative determination to issue a permit for the discharge described in the application.

12. PUBLIC NOTICES

Upon publication of the public notice, a public comment period shall begin on the date of publication and last for at least 30 days thereafter. During this period, any interested persons may submit written comments on the draft permit and may request a public hearing to clarify issues involved in the permit decision at this Office's address on the first page of the statement of basis. A request for a public hearing shall be in writing and shall state the nature of the issues proposed to be raised in the hearing.

Public notice published in:

Local newspaper of general circulation

Office of Environmental Services Public Notice Mailing List

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Rationale for Supreme Services & Specialty Co., Inc.

1. Outfall 001 – Equipment washwater (estimated flow is 500 GPD)

Pollutant	Limitation		Reference
	Monthly Avg. mg/l	Daily Max	
Flow	Report	Report	
COD	200	300	Similar discharges*, LAG480000 (BPJ)
TSS	---	45	Similar discharges*, LAG480000 (BPJ)
Oil & Grease	---	15	Similar discharges*, LAG480000 (BPJ)
Soaps & Detergents	Inventory Record	---	Similar discharges*, LAG480000 (BPJ)
Oil & Grease, Visual	---	No Presence	Similar discharges*, LAG480000 (BPJ)
pH, s.u.	6.0 (min)	9.0 (max)	Similar discharges*, LAG480000 (BPJ)

Treatment: Oil water separator

Monitoring Frequency: Daily for Oil and Grease, Visual and quarterly for Flow, TSS, COD, Oil and Grease, and pH, at the point of discharge from the oil water separator, prior to mixing with other waters.

Soaps and Detergents: Document in a quarterly inventory record the quantity and type of any soap and/or detergent used during each calendar month.

Limits Justification: Limits and monitoring frequencies are based on current guidance for similar discharges from other facilities and the Light Commercial General Permit, LAG480000, effective August 1, 2001.

This facility is not eligible for the Exterior Vehicle Wash Wastewater permit, LAG750000, because it does not apply to discharges which involve waste from oil field service facilities. Therefore, an individual permit is being issued to this facility instead of a general permit.

* Existing permits for similar outfalls
 BPJ Best Professional Judgement
 s.u. Standard Units

NOTE

For outfalls containing concentration limits, the usage of concentration limits is based on BPJ for similar outfalls since the flow is variable and estimated.

STORM WATER POLLUTION PREVENTION PLAN (SWP3) REQUIREMENT

A SWP3 is included in the permit because in accordance with LAC 33:IX.2511.A.1, storm water discharges shall not be required to obtain an LPDES permit "... except... discharges associated with industrial activity." In accordance with LAC 33:IX.2511.B.14.a-k, facilities classified as SIC code 1389 are considered to have storm water discharges associated with industrial activity.

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For first time permit issuance, the SWP3 shall be prepared, implemented, and maintained within six (6) months of the effective date of the final permit. **For renewal permit issuance**, the SWP3 shall be reviewed and updated, if necessary, within six (6) months of the effective date of the final permit. The plan should identify potential sources of storm water pollution and ensure the implementation of practices to prevent and reduce pollutants in storm water discharges associated with industrial activity at the facility (see Narrative Requirements for the AI).